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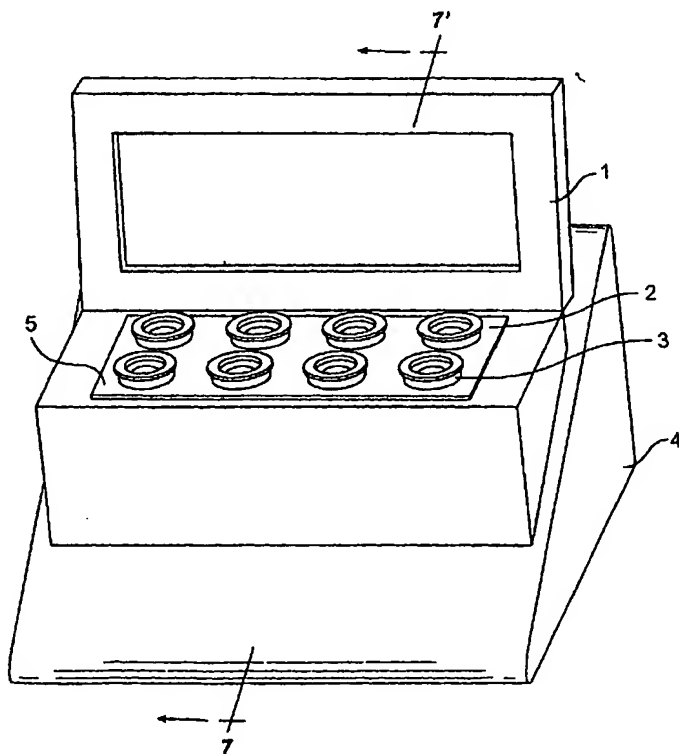
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(54) Title: ACOUSTIC ARRAY ANALYTICAL SYSTEM



(57) Abstract: A multi-channel acoustic measurement device, which includes a plurality of acoustic detectors (3) and dual temperature control (1, 2). The device employs piezoelectric crystal (21) as the sensing material in the detectors and has an appropriate driving device (40) connected to the detectors for oscillating the piezoelectric crystals. The device may also include a user interface. Also disclosed is a method of measuring in label-free mode at least one property of a plurality of samples in parallel using a plurality of acoustic detectors (3) and dual temperature control (1, 2).



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